

Chapter 9 Preview
Polynomials
Integrated Math 2

Name _____

Date _____

Definitions: Define the following:

- | | |
|----------------|------------------------------|
| 1. Monomial | 7. Trinomial |
| 2. Coefficient | 8. Standard Form |
| 3. Constant | 9. Like Terms |
| 4. Polynomial | 10. Factoring |
| 5. Term | 11. Perfect Square Trinomial |
| 6. Binomial | 12. Difference of Squares |

Objectives: You *should* be able to do the following objectives:

1. Write polynomials in standard form
2. Add and subtract polynomials
3. Use the rules for exponents to multiply monomials
4. Divide monomials and polynomials by monomials
5. Multiply polynomials by monomials
6. Multiply binomials
7. Solve real-world applications by working backward
8. Factor polynomials using the Greatest Common Factor
9. Factor perfect square trinomials
10. Factor difference of perfect squares

If you can give a good definition for each term without having to look it up, then you should be ready to identify these terms for the quizzes and test. If you can describe a method as to how to perform each of the objectives, then you should be ready to perform these tasks on the quizzes and test. If there are any terms or objectives that you are unsure about, then these are the things you want to take extra time studying.

Check the class wiki for summary assignments.